

IFW

Attorney Docket No. 60005161-0061

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Eric C. Leuthardt et al.

Application No. 10/735,474

Filed: December 12, 2003

For: Brain Computer Interface

) Group Art Unit: 3736

) Examiner:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

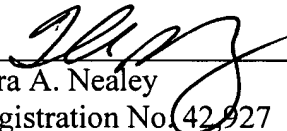
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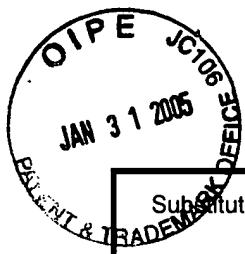
Transmittal of Information Disclosure Statement
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The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Respectfully submitted,

Dated: 1/24/2005

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/735,474
Filing Date	December 12, 2003
First Named Inventor	Eric C. Leuthardt
Art Unit	3736
Examiner Name	
Attorney Docket Number	60005161-0061

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	42	US-6,143,440	11-07-2000	Volz et al.	
	43	US-6,647,296 B2	11-11-2003	Fischell et al.	
	44	US 2004/0082875 A1	04-29-2004	Donoghue et al.	
	45	US 2004/0138570 A1	07-15-2004	Nita et al.	

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	46	LACONTE et al., "Designing a Subdural Electrocorticography Telemmitter for Human Patients with Epilepsy," April, 2003, 34 pages.	
	47	LAUBACH et al., "Cortical Ensemble Activity Increasingly Predicts Behaviour Outcomes During Learning of a Motor Task," Nature, 2000, pp. 567-571, Vol. 405.	
	48	LEE et al., "Synchronous Gamma Activity: A Review and Contribution to an Integrative Neuroscience Model of Schizophrenia," Brain Research Reviews, 2003, pp. 57-78, Vol. 41.	
	49	LEUTHARDT et al., "A Brain-Computer Interface Using Electrocorticographic Signals in Humans," J. Neural Eng., 2004, pp. 63-71, Vol. 1.	
	50	PFURTSCHELLER et al., "Early Onset of Post-Movement Beta Electroencephalogram Synchronization in the Supplementary Motor Area During Self-Paced Finger Movement in Man," Neuroscience Letters, 2003, pp. 111-114, Vol. 339.	
	51	SRINIVASAN, "Methods to Improve the Spatial Resolution of EEG," IJBEM, 1999, pp. 102-111, Vol. 1.	
	52	WOLPAW et al., "Brain-Computer Interfaces for Communication and Control," Clinical Neurophysiology, 2002, pp. 77-791, Vol. 113.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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